

# Converting Colors

YUV(74.8320, -12.2422,  
-40.1947)

Have a look what the booklet for  
YUV(74.8320, -12.2422, -40.1947)  
contains.

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# Color

**YUV(74.8320, -12.2422,  
-40.1947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D6732
RGB	29, 103, 50
RGB Percent	11%, 40%, 20%
CMY	0.8863, 0.5961, 0.8039
CMYK	0.72, 0.00, 0.51, 0.60
HSL	137°, 56%, 26%
HSV	137°, 72%, 40%
XYZ	5.9327, 10.1920, 4.6722
YIQ	74.8320, -27.0910, -32.1710

# Conversions

## Conversions Part 2

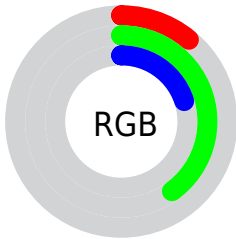
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 87, 103
Decimal	1926962
CIELab	38.18, -35.22, 23.40
CIElCh	38, 42.284, 146.394
Yxy	10.1920, 0.2853, 0.4901
Android (android.graphics.Color)	4280117042 (0xFF1D6732)
YUV	74.8320, -12.2422, -40.1947
Hunter-Lab	31.9249, -22.6976, 13.6704

# Details

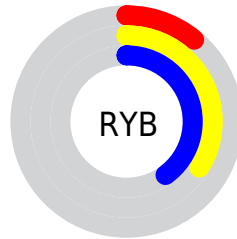
The YUV color **74.8320, -12.2422, -40.1947** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **57.1680, 12.2422, 40.1947**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1590, -14.8684, -37.8504**, and **32.7410, -14.1693, -28.7139** is the 20% darker color. If you saturate the color by 10%, you get **71.0440, -13.8257, -45.6426**, and if you desaturate by 10%, it is **78.6200, -10.6587, -34.7467**.

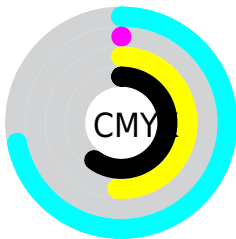
# Distribution



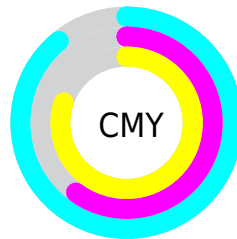
- Red (11%)
- Green (40%)
- Blue (20%)



- Red (11%)
- Yellow (34%)
- Blue (40%)



- Cyan (72%)
- Magenta (0%)
- Yellow (51%)
- Black (60%)



- Cyan (89%)
- Magenta (60%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.8320, -12.2422, -40.1947 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 74.8320, -12.2422, -40.1947 by changing the saturation by 10% instead.



■ 74.8320, -12.2422,  
-40.1947

■ 74.8320, -12.2422,  
-40.1947

255.0000, 0.0000,  
0.0000

■ 48.9780, -10.3422,  
-42.9537

■ 127.1590,  
-14.8684, -37.8504

■ 32.7410, -14.1693,  
-28.7139

■ 153.7460,  
-15.1578, -38.3652

■ 20.5450, -10.1287,  
-18.0180

■ 181.2190,  
-15.8840, -38.7801

■ 0.0000, 0.0000,  
0.0000

■ 208.9910,  
-16.7576, -38.5801

■ 230.5340,  
-13.5743, -32.9173

■ 242.0980, -5.4713,

-18.5029

253.5050, 0.7370,  
-3.0739

74.8320, -12.2422,  
-40.1947

74.8320, -12.2422,  
-40.1947

71.0440, -13.8257,  
-45.6426

78.6200, -10.6587,  
-34.7467

66.8430, -15.6986,  
-51.6053

82.8210, -8.7858,  
-28.7840

63.7670, -17.1401,  
-55.9237

86.6090, -7.2022,  
-23.3361

90.5110, -5.1819,  
-17.9881

94.2990, -3.5984,  
-12.5402

■ 98.3860, -2.1623,  
-6.4775

■ 102.2880, -0.1420,  
-1.1296

■ 106.0760, 1.4415,  
4.3183

■ 110.1630, 2.8776,  
10.3810

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7690, -29.9591, -4.1824



74.8320, -12.2422, -40.1947



71.7980, 6.0156, -62.9668

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8320, -12.2422, -40.1947



73.7770, 41.5219, -64.7024



88.0240, -12.8298, 55.2300

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.8320, -12.2422, -40.1947



57.1680, 12.2422, 40.1947

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.4270, 2.7475, 52.2455



74.8320, -12.2422, -40.1947



90.7520, 29.7023, -6.7985

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8320, -12.2422, -40.1947



77.1050, 33.9652, -67.6211



92.4810, 17.5109, 30.2732



87.1630, -27.1954, 42.8300



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8320, -12.2422, -40.1947



74.5340, 16.4987, -65.3663



92.4810, 17.5109, 30.2732



87.8160, -7.3043, 56.2894

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.8320, -12.2422, -40.1947



123.6360, -4.7505, -16.3438



88.2850, -29.2275, -5.5119



62.1360, -3.0250, -9.7663



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8320, -12.2422, -40.1947



90.8540, -19.1550, -63.0160



79.0500, 3.9193, -43.8939



49.0490, -1.0102, -2.6740



71.2670, -18.8656, -62.5012



149.9200, -39.8936, -131.4798



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.1680, 12.2422, 40.1947



63.1460, 19.1550, 63.0160



52.9500, -3.9193, 43.8939



47.9510, 1.0102, 2.6740



43.7330, 18.8656, 62.5012

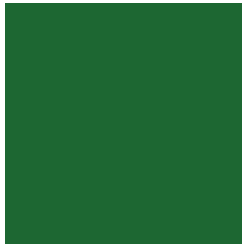


92.1940, 40.3304, 131.3799



# Previews

## White Background



This preview shows how the YUV color 74.8320, -12.2422, -40.1947 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 74.8320, -12.2422, -40.1947 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 74.8320, -12.2422, -40.1947

## Background



This preview shows how black text looks on a background with the YUV color 74.8320, -12.2422, -40.1947.



This preview shows how white text looks on a background with the YUV color 74.8320, -12.2422, -40.1947.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

74.8320, -12.2422, -40.1947

### Protanopia

87.5610, -20.9826, 10.0320

### Deuteranopia

88.3430, -16.9311, 17.2392



## Tritanopia

83.2610, 10.7173, -30.9239

# Trichromacy



## Original Color

74.8320, -12.2422, -40.1947

## Protanomaly

83.2490, -17.8708, -8.1114

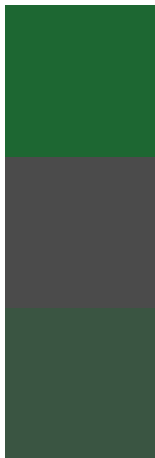
## Deuteranomaly

83.6670, -15.1188, -4.0930

## Tritanomaly

80.0620, 2.4344, -34.2574

# Monochromacy



## Original Color

74.8320, -12.2422, -40.1947

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.7610, -4.3192, -14.6994

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.8320, -12.2422, -40.1947 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(29, 103, 50)` looks like.

```
.text, #text, p{  
    color:rgb(29, 103, 50)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(29, 103, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 103, 50) }
```

## Border

The CSS property to change the border of an element to YUV 74.8320, -12.2422, -40.1947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(29, 103, 50) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(29, 103, 50) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(29, 103, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 103, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 103, 50);  
box-shadow:4px 4px 4px 4px rgb(29, 103,  
50) }
```

# Background

The CSS property to change the background color of an element to YUV 74.8320, -12.2422, -40.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 103, 50) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(29, 103,  
50) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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